

#1.
California Coast.

D^r. 4303 to D^r. 4319.

H_y. 4789 to H_y. 4790.

Mch. 1st to 7th, 1904.

~~1/~~

Dr. 4303 - Dr. 4319.

and

~~H. 4789 - H. 4793.~~

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Not	Hy 4689		
50	"	Dr. 4303		
100				
200				
300				
400	Doit mark Hy numbers; leave a blank instead -			
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 18.7

No. *D. 4303* Date *March 1, 1904*

Tanner Machine. Reel.

Turns *20* Cor. + *1* Depth *21 fms.*

Shot or lead *30#*

Bottom

Kelp & Co. gy. S. (smooth sand.)

Bottom temperature

No. of thermometer *(98249)* non Cor.

Corrected temperature

Air *64* Surface *63* Drift *South 1'*

Trawl or dredge *11' Tanner, runner and tail wts, Rink*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.53.00</i>	<i>3.54.35</i>	0	<i>3.57.30</i>	<i>4.26.30</i>
<i>3.53.35</i>	<i>3.54.10</i>	<i>100</i>	<i>3.57.30</i>	<i>4.24.10</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

25 min. 1

Off San Diego, California -
 Pt Loma Light, N 120 W., 6 1/10'

OK
 HOS.

{ S. E. by S, 0-1.
 bc., Ci. 4.
 Barom. 30.03
 Smooth Sea. }

✓

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

0845700.

Weather conditions, etc.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Albatross.

U. S. FISHERIES ST'R ALBATROSS.

REMARKS:

No. *E. 4303* Date *1 Mar. 04.*

Tanner Machine. Reel.

Turns *22* Cor. + *1* Depth *24 fms.*Shot or lead *30#*

Bottom

Bottom temperature *8 Thermos. did not act*No. of thermometer *98249* Cor.

Corrected temperature

Air *64* Surface *62* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

P.M.
*4.26.30**4.29.10**0**4.27.00**4.28.30**22*
*100**no dredge**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**This marks end
of Dr. 4303.*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4.29 ahead

4.40 stopped

3 89
3 35
3 6

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER. *	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507
H.W. R.
Franklin

No. *Dr* 4304 Date March 1-1904

Tanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25 fms

Shot or lead 30 lbs

Bottom crs. sf. S.

Bottom temperature 52°

No. of thermometer 9824.7 Cor.

Corrected temperature

Air 64 Surface 63 Drift { N 38° E
1 1/16'

Trawl or dredge 11' Tanner, *Weights* *Drift* *and* *bottom*

PM SOUNDING WIRE PM DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
4. 42.00	4. 45.00	0	4. 48.00	5. 13.15
- 40	4. 44.30	30		
		100	4. 51.00	5. 10.15
		56		
		200		
		300	19 min.	
		400		
		500		
* also a Med Bag tail of 100 ft.		600		
		700	attached to	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

H Loma Light, N 20 W, 5.9

SE
2000
N

2500	
2600	
2700	
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SE x S force 1

Bar. 30.02

Smooth Sea

Fair - low thin

haze - Partly cloudy over head

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

4304

Date

11 March 04.

Tanner Machine. Reel.

Turns 24 Cor. +

Depth 25 fms

Shot or lead

30 lb

Bottom

Sk. g. crs. S.

Bottom temperature

52°

No. of thermometer

98247. Cor.

Corrected temperature

Air

63

Surface

60

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

J. 18.00

J. 15.20

0

J. 12.10

J. 14.30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Marks and
of Dr 4304.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *25* Date *Mar 7*
Tanner Machine. Reel.

Turns *67* Cor. + *2* Depth *67 fms*

Shot or lead *30 lb.*

Bottom *Gys. & brk sh.*

Bottom temperature *49.9°*

No. of thermometer *98247* Cor. *+ 0.51°*

Corrected temperature *49.39°*

Air *55°* Surface *59°* Drift *1.3 mi*

Trawl or dredge *11 ft Tanner*

SOUNDING WIRE.

ALL DOWN. AM UP.

TURNS.

DREDGE ROPE.

AM DOWN. AM UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
AM DOWN.	AM UP.		AM DOWN.	AM UP.
1.10	2.10	60	8.30.00	9.34.00
1.20	2.10	70	8.30.30	9.34.00
1.30	2.10	80	8.31.00	9.34.00
1.40	2.10	90	8.31.30	9.34.00
1.50	2.10	100	8.32.00	9.34.00
2.00	2.10	110	8.32.30	9.34.00
2.10	2.10	120	8.33.00	9.34.00
2.20	2.10	130	8.33.30	9.34.00
2.30	2.10	140	8.34.00	9.34.00
2.40	2.10	150	8.34.30	9.34.00
2.50	2.10	160	8.35.00	9.34.00
3.00	2.10	170	8.35.30	9.34.00
3.10	2.10	180	8.36.00	9.34.00
3.20	2.10	190	8.36.30	9.34.00
3.30	2.10	200	8.37.00	9.34.00
3.40	2.10	210	8.37.30	9.34.00
3.50	2.10	220	8.38.00	9.34.00
4.00	2.10	230	8.38.30	9.34.00
4.10	2.10	240	8.39.00	9.34.00
4.20	2.10	250	8.39.30	9.34.00
4.30	2.10	260	8.40.00	9.34.00
4.40	2.10	270	8.40.30	9.34.00
4.50	2.10	280	8.41.00	9.34.00
5.00	2.10	290	8.41.30	9.34.00
5.10	2.10	300	8.42.00	9.34.00
5.20	2.10	310	8.42.30	9.34.00
5.30	2.10	320	8.43.00	9.34.00
5.40	2.10	330	8.43.30	9.34.00
5.50	2.10	340	8.44.00	9.34.00
6.00	2.10	350	8.44.30	9.34.00
6.10	2.10	360	8.45.00	9.34.00
6.20	2.10	370	8.45.30	9.34.00
6.30	2.10	380	8.46.00	9.34.00
6.40	2.10	390	8.46.30	9.34.00
6.50	2.10	400	8.47.00	9.34.00
7.00	2.10	410	8.47.30	9.34.00
7.10	2.10	420	8.48.00	9.34.00
7.20	2.10	430	8.48.30	9.34.00
7.30	2.10	440	8.49.00	9.34.00
7.40	2.10	450	8.49.30	9.34.00
7.50	2.10	460	8.50.00	9.34.00
8.00	2.10	470	8.50.30	9.34.00
8.10	2.10	480	8.51.00	9.34.00
8.20	2.10	490	8.51.30	9.34.00
8.30	2.10	500	8.52.00	9.34.00
8.40	2.10	510	8.52.30	9.34.00
8.50	2.10	520	8.53.00	9.34.00
9.00	2.10	530	8.53.30	9.34.00
9.10	2.10	540	8.54.00	9.34.00
9.20	2.10	550	8.54.30	9.34.00
9.30	2.10	560	8.55.00	9.34.00
9.40	2.10	570	8.55.30	9.34.00
9.50	2.10	580	8.56.00	9.34.00
10.00	2.10	590	8.56.30	9.34.00
10.10	2.10	600	8.57.00	9.34.00
10.20	2.10	610	8.57.30	9.34.00
10.30	2.10	620	8.58.00	9.34.00
10.40	2.10	630	8.58.30	9.34.00
10.50	2.10	640	8.59.00	9.34.00
11.00	2.10	650	8.59.30	9.34.00
11.10	2.10	660	9.00.00	9.34.00
11.20	2.10	670	9.00.30	9.34.00
11.30	2.10	680	9.01.00	9.34.00
11.40	2.10	690	9.01.30	9.34.00
11.50	2.10	700	9.02.00	9.34.00
12.00	2.10	710	9.02.30	9.34.00
12.10	2.10	720	9.03.00	9.34.00
12.20	2.10	730	9.03.30	9.34.00
12.30	2.10	740	9.04.00	9.34.00
12.40	2.10	750	9.04.30	9.34.00
12.50	2.10	760	9.05.00	9.34.00
13.00	2.10	770	9.05.30	9.34.00
13.10	2.10	780	9.06.00	9.34.00
13.20	2.10	790	9.06.30	9.34.00
13.30	2.10	800	9.07.00	9.34.00
13.40	2.10	810	9.07.30	9.34.00
13.50	2.10	820	9.08.00	9.34.00
14.00	2.10	830	9.08.30	9.34.00
14.10	2.10	840	9.09.00	9.34.00
14.20	2.10	850	9.09.30	9.34.00
14.30	2.10	860	9.10.00	9.34.00
14.40	2.10	870	9.10.30	9.34.00
14.50	2.10	880	9.11.00	9.34.00
15.00	2.10	890	9.11.30	9.34.00
15.10	2.10	900	9.12.00	9.34.00
15.20	2.10	910	9.12.30	9.34.00
15.30	2.10	920	9.13.00	9.34.00
15.40	2.10	930	9.13.30	9.34.00
15.50	2.10	940	9.14.00	9.34.00
16.00	2.10	950	9.14.30	9.34.00
16.10	2.10	960	9.15.00	9.34.00
16.20	2.10	970	9.15.30	9.34.00
16.30	2.10	980	9.16.00	9.34.00
16.40	2.10	990	9.16.30	9.34.00
16.50	2.10	1000	9.17.00	9.34.00
17.00	2.10	1010	9.17.30	9.34.00
17.10	2.10	1020	9.18.00	9.34.00
17.20	2.10	1030	9.18.30	9.34.00
17.30	2.10	1040	9.19.00	9.34.00
17.40	2.10	1050	9.19.30	9.34.00
17.50	2.10	1060	9.20.00	9.34.00
18.00	2.10	1070	9.20.30	9.34.00
18.10	2.10	1080	9.21.00	9.34.00
18.20	2.10	1090	9.21.30	9.34.00
18.30	2.10	1100	9.22.00	9.34.00
18.40	2.10	1110	9.22.30	9.34.00
18.50	2.10	1120	9.23.00	9.34.00
19.00	2.10	1130	9.23.30	9.34.00
19.10	2.10	1140	9.24.00	9.34.00
19.20	2.10	1150	9.24.30	9.34.00
19.30	2.10	1160	9.25.00	9.34.00
19.40	2.10	1170	9.25.30	9.34.00
19.50	2.10	1180	9.26.00	9.34.00
20.00	2.10	1190	9.26.30	9.34.00
20.10	2.10	1200	9.27.00	9.34.00
20.20	2.10	1210	9.27.30	9.34.00
20.30	2.10	1220	9.28.00	9.34.00
20.40	2.10	1230	9.28.30	9.34.00
20.50	2.10	1240	9.29.00	9.34.00
21.00	2.10	1250	9.29.30	9.34.00
21.10	2.10	1260	9.30.00	9.34.00
21.20	2.10	1270	9.30.30	9.34.00
21.30	2.10	1280	9.31.00	9.34.00
21.40	2.10	1290	9.31.30	9.34.00
21.50	2.10	1300	9.32.00	9.34.00
22.00	2.10	1310	9.32.30	9.34.00
22.10	2.10	1320	9.33.00	9.34.00
22.20	2.10	1330	9.33.30	9.34.00
22.30	2.10	1340	9.34.00	9.34.00
22.40	2.10	1350	9.34.30	9.34.00
22.50	2.10	1360	9.35.00	9.34.00
23.00	2.10	1370	9.35.30	9.34.00
23.10	2.10	1380	9.36.00	9.34.00
23.20	2.10	1390	9.36.30	9.34.00
23.30	2.10	1400	9.37.00	9.34.00
23.40	2.10	1410	9.37.30	9.34.00
23.50	2.10	1420	9.38.00	9.34.00
24.00	2.10	1430	9.38.30	9.34.00
24.10	2.10	1440	9.39.00	9.34.00
24.20	2.10	1450	9.39.30	9.34.00
24.30	2.10	1460	9.40.00	9.34.00
24.40	2.10	1470	9.40.30	9.34.00
24.50	2.10	1480	9.41.00	9.34.00
25.00	2.10	1490	9.41.30	9.34.00
25.10	2.10	1500	9.42.00	9.34.00
25.20	2.10	1510	9.42.30	9.34.00
25.30	2.10	1520	9.43.00	9.34.00
25.40	2.10	1530	9.43.30	9.34.00
25.50	2.10	1540	9.44.00	9.34.00
26.00	2.10	1550	9.44.30	9.34.00
26.10	2.10	1560	9.45.00	9.34.00
26.20	2.10	1570	9.45.30	9.34.00
26.30	2.10	1580	9.46.00	9.34.00
26.40	2.10	1590	9.46.30	9.34.00
26.50	2.10	1600	9.47.00	9.34.00
27.00	2.10	1610	9.47.30	9.34.00
27.10	2.10	1620	9.48.00	9.34.00
27.20	2.10	1630	9.48.30	9.34.00
27.30	2.10	1640	9.49.00	9.34.00
27.40	2.10	1650	9.49.30	9.34.00
27.50	2.10	1660	9.50.00	9.34.00
28.00	2.10	1670	9.50.30	9.34.00
28.10	2.10	1680	9.51.00	9.34.00
28.20	2.10	1690	9.51.30	9.34.00
28.30	2.10	1700	9.52.00	9.34.00
28.40	2.10	1710	9.52.30	9.34.00
28.50	2.10	1720	9.53.00	9.34.00
29.00	2.10	1730	9.53.30	9.34.00
29.10	2.10	1740	9.54.00	9.34.00
29.20	2.10	1750	9.54.30	9.34.00
29.30	2.10	1760	9.55.00	9.34.00
29.40	2.10	1770	9.55.30	9.34.00
29.50	2.10	1780	9.56.00	9.34.00
30.00	2.10	1790	9.56.30	9.34.00
30.10	2.10	1800	9.57.00	9.34.00
30.20	2.10	1810	9.57.30	9.34.00
30.30	2.10	1820	9.58.00	9.34.00
30.40	2.10	1830	9.58.3	

H. T. C. L. E. N. E. 9 ⁶ 10'				
		2500		
		2600		
		2700		
		2800		
	AM	2900		
	time	3000		
7.11. 28. 9.28. 28		3100		
		3200		
1-2		3300		
7.11. 31. 34. 55		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *254* Date *254*
Tanner Machine. Reel.
 Turns *113* Cor. + *3* Depth *116*
~~Shot~~ or lead *30 lbs*
 Bottom *fine gy. S*
 Bottom temperature *48°*
 No. of thermometer *98247* Cor.
 Corrected temperature
 Air *55°* Surface *59°* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9. 29.00 9. 39. 30

9. 50.00 9. 37.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

mark end of
Dr 24305

9. 48, two miles

7. 52 changed to East

9. 59. 30 stopped

019 09.05

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *21416* Date *June 4 1881*

Tanner Machine. Reel.

Turns *202* Cor. + *5* Depth *207 fms*Shot or lead *30*Bottom *gn M, fine S.*

Bottom temperature

No. of thermometer *1* Not used Cor.

Corrected temperature

Air *70°* Surface *59°* Drift *1 mi*Trawl or dredge *11' Tanner*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

10. 30. 10 *12. 00. 30*

100

10. 31. 40 *12. 02. 00*

200

10. 33. 00 *12. 03. 30*

300

10. 34. 30 *12. 05. 00*

400

10. 36. 00 *12. 06. 30*

500

10. 37. 30 *12. 08. 00*

600

10. 39. 00 *12. 09. 30*

700

10. 40. 30 *12. 11. 00*

800

10. 42. 00 *12. 12. 30*

900

10. 43. 30 *12. 14. 00*

1000

10. 45. 00 *12. 15. 30*

1100

10. 46. 30 *12. 17. 00*

1200

10. 48. 00 *12. 18. 30*

1300

10. 49. 30 *12. 20. 00*

1400

10. 51. 00 *12. 21. 30*

1500

10. 52. 30 *12. 23. 00*

1600

10. 54. 00 *12. 24. 30*

1700

10. 55. 30 *12. 26. 00*

1800

10. 57. 00 *12. 27. 30*

1900

10. 58. 30 *12. 29. 00*

2000

10. 59. 30 *12. 30. 30*

2100

11. 00. 00 *12. 32. 00*

2200

11. 01. 30 *12. 33. 30*

2300

11. 03. 00 *12. 35. 00*

2400

St. James Light. N 30 E. 10' 10'

	2500	
	2600	
	2700	
	2800	
Bar 30.	2900	
Therm att.	3000	
WSW	3100	
W	3200	
SW	3300	
Longwill from WSW	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

11.40 - 12.00
SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				16
700				
800				
900				
1000				

Found on a 35" REMARKS: shot

No. *E 4306* Date *Mar. 2, '04*Tanner *Machine.* Reel.Turns *400* Cor. + *10* Depth *410*Shot or lead *30 lbs.*Bottom *gn. M. G.*Bottom temperature *40.2*No. of thermometer *9824.7* Cor.

Corrected temperature

Air *70* Surface *70* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507
April

No. ~~507~~ Date 2 1900
Tanner Machine. Reel.

Turns 44 Cor. + 3 Depth 77 fms.

Shot or lead 30 lb

Bottom gy. s.

Bottom temperature

No. of thermometer 2100 Cor.

Corrected temperature

Air 69 Surface 60 Drift

Trawl or dredge

64 SOUNDING WIRE.

DOWN.	UP.
1.56.45	2.11.15
1.58.15	2.09.45
1.59.45	2.08.15
2.01.15	2.06.45
2.02.45	2.05.15
2.04.15	2.03.45
2.05.45	2.02.15
2.07.15	2.00.45
2.08.45	1.59.15
2.10.15	1.57.45
2.11.45	1.56.15
2.13.15	1.54.45
2.14.45	1.53.15
2.16.15	1.51.45
2.17.45	1.50.15
2.19.15	1.48.45
2.20.45	1.47.15
2.22.15	1.45.45
2.23.45	1.44.15
2.25.15	1.42.45
2.26.45	1.41.15
2.28.15	1.39.45
2.29.45	1.38.15
2.31.15	1.36.45
2.32.45	1.35.15
2.34.15	1.33.45
2.35.45	1.32.15
2.37.15	1.30.45
2.38.45	1.29.15
2.40.15	1.27.45
2.41.45	1.26.15
2.43.15	1.24.45
2.44.45	1.23.15
2.46.15	1.21.45
2.47.45	1.20.15
2.49.15	1.18.45
2.50.45	1.17.15
2.52.15	1.15.45
2.53.45	1.14.15
2.55.15	1.12.45
2.56.45	1.11.15
2.58.15	1.09.45
2.59.45	1.08.15
3.01.15	1.06.45
3.02.45	1.05.15
3.04.15	1.03.45
3.05.45	1.02.15
3.07.15	1.00.45
3.08.45	09.59.15
3.10.15	09.57.45
3.11.45	09.56.15
3.13.15	09.54.45
3.14.45	09.53.15
3.16.15	09.51.45
3.17.45	09.50.15
3.19.15	09.48.45
3.20.45	09.47.15
3.22.15	09.45.45
3.23.45	09.44.15
3.25.15	09.42.45
3.26.45	09.41.15
3.28.15	09.39.45
3.29.45	09.38.15
3.31.15	09.36.45
3.32.45	09.35.15
3.34.15	09.33.45
3.35.45	09.32.15
3.37.15	09.30.45
3.38.45	09.29.15
3.40.15	09.27.45
3.41.45	09.26.15
3.43.15	09.24.45
3.44.45	09.23.15
3.46.15	09.21.45
3.47.45	09.20.15
3.49.15	09.18.45
3.50.45	09.17.15
3.52.15	09.15.45
3.53.45	09.14.15
3.55.15	09.12.45
3.56.45	09.11.15
3.58.15	09.09.45
3.59.45	09.08.15
4.01.15	09.06.45
4.02.45	09.05.15
4.04.15	09.03.45
4.05.45	09.02.15
4.07.15	09.00.45
4.08.45	08.59.15
4.10.15	08.57.45
4.11.45	08.56.15
4.13.15	08.54.45
4.14.45	08.53.15
4.16.15	08.51.45
4.17.45	08.50.15
4.19.15	08.48.45
4.20.45	08.47.15
4.22.15	08.45.45
4.23.45	08.44.15
4.25.15	08.42.45
4.26.45	08.41.15
4.28.15	08.39.45
4.29.45	08.38.15
4.31.15	08.36.45
4.32.45	08.35.15
4.34.15	08.33.45
4.35.45	08.32.15
4.37.15	08.30.45
4.38.45	08.29.15
4.40.15	08.27.45
4.41.45	08.26.15
4.43.15	08.24.45
4.44.45	08.23.15
4.46.15	08.21.45
4.47.45	08.20.15
4.49.15	08.18.45
4.50.45	08.17.15
4.52.15	08.15.45
4.53.45	08.14.15
4.55.15	08.12.45
4.56.45	08.11.15
4.58.15	08.09.45
4.59.45	08.08.15
5.01.15	08.06.45
5.02.45	08.05.15
5.04.15	08.03.45
5.05.45	08.02.15
5.07.15	08.00.45
5.08.45	07.59.15
5.10.15	07.57.45
5.11.45	07.56.15
5.13.15	07.54.45
5.14.45	07.53.15
5.16.15	07.51.45
5.17.45	07.50.15
5.19.15	07.48.45
5.20.45	07.47.15
5.22.15	07.45.45
5.23.45	07.44.15
5.25.15	07.42.45
5.26.45	07.41.15
5.28.15	07.39.45
5.29.45	07.38.15
5.31.15	07.36.45
5.32.45	07.35.15
5.34.15	07.33.45
5.35.45	07.32.15
5.37.15	07.30.45
5.38.45	07.29.15
5.40.15	07.27.45
5.41.45	07.26.15
5.43.15	07.24.45
5.44.45	07.23.15
5.46.15	07.21.45
5.47.45	07.20.15
5.49.15	07.18.45
5.50.45	07.17.15
5.52.15	07.15.45
5.53.45	07.14.15
5.55.15	07.12.45
5.56.45	07.11.15
5.58.15	07.09.45
5.59.45	07.08.15
6.01.15	07.06.45
6.02.45	07.05.15
6.04.15	07.03.45
6.05.45	07.02.15
6.07.15	07.00.45
6.08.45	06.59.15
6.10.15	06.57.45
6.11.45	06.56.15
6.13.15	06.54.45
6.14.45	06.53.15
6.16.15	06.51.45
6.17.45	06.50.15
6.19.15	06.48.45
6.20.45	06.47.15
6.22.15	06.45.45
6.23.45	06.44.15
6.25.15	06.42.45
6.26.45	06.41.15
6.28.15	06.39.45
6.29.45	06.38.15
6.31.15	06.36.45
6.32.45	06.35.15
6.34.15	06.33.45
6.35.45	06.32.15
6.37.15	06.30.45
6.38.45	06.29.15
6.40.15	06.27.45
6.41.45	06.26.15
6.43.15	06.24.45
6.44.45	06.23.15
6.46.15	06.21.45
6.47.45	06.20.15
6.49.15	06.18.45
6.50.45	06.17.15
6.52.15	06.15.45
6.53.45	06.14.15
6.55.15	06.12.45
6.56.45	06.11.15
6.58.15	06.09.45
6.59.45	06.08.15
7.01.15	06.06.45
7.02.45	06.05.15
7.04.15	06.03.45
7.05.45	06.02.15
7.07.15	06.00.45
7.08.45	05.59.15
7.10.15	05.57.45
7.11.45	05.56.15
7.13.15	05.54.45
7.14.45	05.53.15
7.16.15	05.51.45
7.17.45	05.50.15
7.19.15	05.48.45
7.20.45	05.47.15
7.22.15	05.45.45
7.23.45	05.44.15
7.25.15	05.42.45
7.26.45	05.41.15
7.28.15	05.39.45
7.29.45	05.38.15
7.31.15	05.36.45
7.32.45	05.35.15
7.34.15	05.33.45
7.35.45	05.32.15
7.37.15	05.30.45
7.38.45	05.29.15
7.40.15	05.27.45
7.41.45	05.26.15
7.43.15	05.24.45
7.44.45	05.23.15
7.46.15	05.21.45
7.47.45	05.20.15
7.49.15	05.18.45
7.50.45	05.17.15
7.52.15	05.15.45
7.53.45	05.14.15
7.55.15	05.12.45
7.56.45	05.11.15
7.58.15	05.09.45
7.59.45	05.08.15
8.01.15	05.06.45
8.02.45	05.05.15
8.04.15	05.03.45
8.05.45	05.02.15
8.07.15	05.00.45
8.08.45	04.59.15
8.10.15	04.57.45
8.11.45	04.56.15
8.13.15	04.54.45
8.14.45	04.53.15
8.16.15	04.51.45
8.17.45	04.50.15
8.19.15	04.48.45
8.20.45	04.47.15
8.22.15	04.45.45
8.23.45	04.44.15
8.25.15	04.42.45
8.26.45	04.41.15
8.28.15	04.39.45
8.29.45	04.38.15
8.31.15	04.36.45
8.32.45	04.35.15
8.34.15	04.33.45
8.35.45	04.32.15
8.37.15	04.30.45
8.38.45	04.29.15
8.40.15	04.27.45
8.41.45	04.26.15
8.43.15	04.24.45
8.44.45	04.23.15
8.46.15	04.21.45
8.47.45	04.20.15
8.49.15	04.18.45
8.50.45	04.17.15
8.52.15	04.15.45
8.53.45	04.14.15
8.55.15	04.12.45
8.56.45	04.11.15
8.58.15	04.09.45
8.59.45	04.08.15
9.01.15	04.06.45
9.02.45	04.05.15
9.04.15	04.03.45
9.05.45	04.02.15
9.07.15	04.00.45
9.08.45	03.59.15
9.10.15	03.57.45
9.11.45	03.56.15
9.13.15	03.54.45
9.14.45	03.53.15
9.16.15	03.51.45
9.17.45	03.50.15
9.19.15	03.48.45
9.20.45	03.47.15
9.22.15	03.45.45
9.23.45	03.44.15
9.25.15	03.42.45
9.26.45	03.41.15
9.28.15	03.39.45
9.29.45	03.38.15
9.31.15	03.36.45
9.32.45	03.35.15
9.34.15	03.33.45
9.35.45	03.32.15
9.37.15	03.30.45
9.38.45	03.29.15
9.40.15	03.27.45
9.41.45	03.26.15
9.43.15	03.24.45
9.44.45	03.23.15
9.46.15	03.21.45
9.47.45	03.20.15
9.49.15	03.18.45
9.50.45	03.17.15
9.52.15	03.15.45
9.53.45	03.14.15
9.55.15	03.12.45
9.56.45	03.11.15
9.58.15	03.09.45
9.59.45	03.08.15
10.01.15	03.06.45
10.02.45	03.05.15
10.04.15	03.03.45
10.05.45	03.02.15
10.07.15	03.00.45
10.08.45	02.59.15
10.10.15	02.57.45
10.11.45	02.56.15
10.13.15	02.54.45
10.14.45	02.53.15
10.16.15	02.51.45
10.17.45	02.50.15
10.19.15	02.48.45
10.20.45	02.47.15
10.22.15	02.45.45
10.23.45	02.44.15
10.25.15	02.42.45
10.26.45	02.41.15
10.28.15	02.39.45
10.29.45	02.38.15
10.31.15	02.36.45
10.32.45	02.35.15
10.34.15	02.33.45
10.35.45	02.32.15
10.37.15	02.30.45
10.38.45	02.29.15
10.40.15	02.27.45
10.41.45	02.26.15
10.43.15	02.24.45
10.44.45	02.23.15
10.46.15	02.21.45
10.47.45	02.20.15
10.49.15	02.18.45
10.50.45	02.17.15
10.52.15	02.15.45
10.53.45	02.14.15
10.55.15	02.12.45
10.56.45	02.11.15
10.58.15	02.09.45
10.59.45	02.08.15
11.01.15	02.06.45
11.02.45	02.05.15
11.04.15	02.03.45
11.05.45	02.02.15
11.07.15	02.00.45
11.08.45	01.59.15
11.10.15	01.57.45
11.11.45	01.56.15
11.13.15	01.54.45
11.14.45	01.53.15
11.16.15	01.51.45
11.17.45	01.50.15
11.19.15	01.48.45
11.20.45	01.47.15
11.22.15	01.45.45
11.23.45	01.44.15
11.25.15	01.42.45
11.26.45	01.41.15
11.28.15	01.39.45
11.29.45	01.38.15
11.31.15	01.36.45
11.32.45	01.35.15
11.34.15	01.33.45
11.35.45	01.32.15
11.37.15	01.30.45
11.38.45	01.29.15
11.40.15	01.27.45
11.41.45	01.26.15
11.43.15	01.24.45
11.44.45	01.23.15
11.46.15	01.21.45
11.47.45	01.20.15
11.49.15	01.18.45
11.50.45	01.17.15
11.52.15	01.15.45
11.53.45	01.14.15
11.55.15	01.12.45
11.56.45	01.11.15
11.58.15	01.09.45
11.59.45	01.08.15
12.01.15	01.06.45
12.02.45	01.05.15
12.04.15	01.03.45
12.05.45	01.02.15
12.07.15	01.00.45
12.08.45	12.59.15
12.10.15	12.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

• SERIAL TEMPERATURES. *

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date Machine. Tanner Reel. Turns 74 Cor. + 3 Depth Shot or lead 30 lbBottom fm. m. S. K.Bottom temperature No. of thermometer None Cor. Corrected temperature Air 57 Surface 60 Drift ~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4307* Date *2 March 04*

Machine. Reel.

Turns *165* Cor. + *4* Depth *169 fms.*

Shot or lead *30**

Bottom *fine S.*

Bottom temperature

No. of thermometer *none* Cor.

Corrected temperature *(55.0°)*

Air *69* Surface *6* Drift *1 18/10*

Trawl or dredge *11' Trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10⁶ 10⁶

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
Bar. 130.05	3400	
North Pac. Long	3500	
Small	3600	
	3700	
	3800	
	3900	
Animal Life	4000	2-17

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date Mar 2. 04
Sigsbee Machine. Reel.
 Turns Cor. + Depth 400
 Shot or lead 30 lb
 Bottom gn M' mud
 Bottom temperature
 No. of thermometer none Cor.
 Corrected temperature
 Air 67 Surface 61 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

103
4/3

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4307* Date *7*
Sigsbee Machine. Reel.
 Turns *453* Cor. + *43* Depth: *496*
 Shot or lead *36#*
 Bottom *gn M*
 Bottom temperature *40.3*
 No. of thermometer *98521-1* Cor.
 Corrected temperature
 Air *66* Surface *71* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
	<i>400.00</i>	200		
		300		
		400		
	<i>450.00</i>	<i>453</i>		
		(100)		
		700	<i>Little animal life in sight</i>	
		800		
		900		
		1000	<i>gull</i>	
		1100		
		1200	<i>ship</i>	
		1300		
		1400	<i>some of the specimens</i>	
		1500		
		1600	<i>specimens at a distance</i>	
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. D: 4508. Date 3 Nov 04.

Hava Sea Machine. — Reel.

Turns — Cor. + — Depth 8 fms

Shot or lead 8 # lead

Bottom hard sand

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 47.0 Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
(V) surface		0	10	9.35 ✓
		100		
(P) 10 fms		200	15	9.42 ✓
		300		
		400	9.40	9.40 ✓
		500		
		600	9.45	10.01 ✓
		700		
		800		
		900		
		1000		
		1100		
		1200		
Plankton		1300	9.46 30	✓
		1400		
(V)		1500		
Small Plankton		1600	10.00	10.01 ✓
		1700	10.05	✓
3) "	"	1800		10.05 ✓
4) "	"	1900	10.10	10.05 ✓
		2000	10.20	✓
		2100		
		2200		
		2300		
		2400		

1st Line Light
S 34° N 1'

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

Small Vessel

first haul
caught

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				7
100				1
200				2
300				2
400				1
500				1
600				1
700				1
800				
900				
1000				

REMARKS:

V. 1

No.

Date *March 3-1904**Hand lead* Machine. Reel.Turns *—* Cor. + *—* Depth *8 fms*Shot or lead *8 Lb. Hand*Bottom *hard sand*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.27.00 10.28.10^v
for 10.30. am

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

Anchorage at entrance to San Juan

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
<i>Tide very slack</i>	3700	
<i>15 min</i>	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H/4789* Date *Dec 11 1889*
Machine. *Reel.*

Turns *69* Cor. + *2* Depth

~~Shot or lead~~ *20*

Bottom

Bottom temperature

No. of thermometer *1000* Cor.

Corrected temperature

Air *62* Surface *61* Drift

Trawl or dredge *Vertical*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4000

REMARKS:

No. *DE 4309* = Date

Machine.

Reel.

Turns *500* Cor. +

Depth

Shot or lead

Bottom *fine S.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *64* Surface

Drift

Trawl or dredge *11' / 15'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

R. L. ... Light, N. 41° E. 8 1/2'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
LT. Air ...	3100	✓
Bar. 34.08	3200	✓
South Sea	3300	✓
Storm current	3400	
200 yds ...	3500	✓
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 11 Date 3 Mar
Tanner Machine. Reel.
 Turns 71 Cor. + 2 Depth 73
 Shot or lead 20 lb
 Bottom fine S. R.
 Bottom temperature V
 No. of thermometer None Cor.
 Corrected temperature
 Air 67 Surface 61 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E. 4309* Date *107**inner* Machine. Reel.Turns *75* Cor. + *3* DepthShot or lead *20 lb*

Bottom

Bottom temperature *14.5 m. 10.2.*No. of thermometer *982* Cor.

Corrected temperature

Air *67* Surface *61* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.3</i>	<i>7.</i>	0		
		100		
<i>ful.</i>		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Δ. 4210 Date~~Machine~~ Machine. Reel.Turns 75 Cor. + 6 Depth 71 fms~~Shot~~ or lead 36Bottom fine gy. s.

Bottom temperature

No. of thermometer 98242 Cor.

Corrected temperature

Air 66 Surface 61 Drift 9/10'Trawl or dredge As

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

150

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3.01.00

3.03.00

3.26.00

Jacket

20

La

2.25.00

14 Tama, Japan. N 46° E. 8' 10'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
100	3100	
200	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date
Tanner Machine. Reel. ✓
 Turns 73 Cor. + 2 Depth 75 fms.
~~Shot or lead~~ 26
 Bottom gn. S. V.
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air 66 Surface 61 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4310* Date*Machine* Machine. Reel.Turns *3* Cor. + DepthShot or lead *26*Bottom *fm. 14A*

Bottom temperature

No. of thermometer *✓* Cor.

Corrected temperature

Air *66* Surface *6* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4790* Date *June 10 1880*

Machine. Reel.

Turns Cor. + *2* Depth *67*Shot or lead *26 lbs*Bottom *gy. s. m. sh.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *57°* Surface *59°* Drift

Trawl or dredge

SOUNDING WIRE *4790*

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.36.00 *8.39* 0*36.20* *8.37.25* 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*47.00**Attached whistle**for current**2.00 ahead of**10**10**10**10**10**10**10*

Pt. L., Date Nov 30 1881
 11-2
 10"
 all over
 Clouds to

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *44* Date *Aug 11 1881*Machine. *Sigsbee* Reel.Turns *26* Cor. + *1* Depth *27*Shot or lead *26 lbs*Bottom *gn M*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *59* Surface *59* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>M</i>	<i>M</i>			
<i>20 10</i>	<i>9. 28 10</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
OK 100 KRW - 1 to 2	3000	
Bar 30. 10"	3100	
Thall 57	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *107* / Date *Jan 10**Tanner* Machine. Reel.Turns *107* Cor. + *3* Depth *110 fm*Shot or lead *26 lbs*Bottom *gn M*Bottom temperature *48°*No. of thermometer *98242* Cor.

Corrected temperature

Air *57°* Surface *57°* DriftTrawl or dredge *11' Tanner beam trawl*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

24.50 *9.30.30**25.30* *9.28.30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

9.32.30 *10.52.00**9.37.10* *10.42.50**41.30* *10.37.00**50**50**during net**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00**10.37.00*

H. L. Dyer, N 50° E, 7 3/10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date March 4Machine. Reel. Turns 125 Cor. + 4 Depth 129Shot or lead 36 lbBottom fine green siltBottom temperature No. of thermometer not used Cor. Corrected temperature Air 60° Surface 59° Drift Trawl or dredge

SOUNDING WIRE. <u>A 117</u>		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4311* Date *Mar. 4. 04*

Tanner... Machine. Reel.

Turns *139* Cor. + *4* Depth *143* fmsShot or lead *26 lbs*Bottom *gn. M*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *60°* Surface *59°* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10.53.05</i>	<i>10.56.00</i>	0		
<i>4.10</i>	<i>10.54.11</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4312* Date *Mar. 4. '04*

Tanner Machine. Reel.

Turns *131* Cor. + *4* Depth *135 fms*Shot or lead *26 lbs.*Bottom *fine sand & shells*

Bottom temperature

No. of thermometer

Cor. *SK 2/10*

Corrected temperature

Air *70°* Surface *65°*Drift *1/2 mile S*Trawl or dredge *5' beam trawl*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

St. Louis Light N 561 2, 7th 1881

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
1.12	3300	
	3400	
1.12	3500	
Weather clear	3600	
	3700	
	3800	
	3900	
	4000	

Time slow 4 min SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date *May 4 04*

Machine. Reel.

Turns *108* Cor. + *2* Depth *110 fms*

Shot or lead

Bottom *gy. gy. s.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *70°* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

286

11

478

812

57502

57502

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 312* Date *Mar 14 04*

Tanner Machine. Reel.

Turns *92* Cor. + *3* Depth *95 fms*

Shot or lead

Bottom *gn-gy S. & reddish rock*

Bottom temperature —

No. of thermometer *not used* Cor.

Corrected temperature

Air *70* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. ~~1000~~ 3 Date

Machine. Reel.

Turns 73 Cor. + 2 Depth.

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air 69 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 1313*. Date *11 M 1901**Tanner* Machine. Reel.Turns *87* Cor. + *3* Depth *90*~~Shot or lead~~ *26 lb*Bottom *gy S bk sh*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *64* Surface *61* Drift *1 8 10'*Trawl or dredge *8' Tur. Sink, etc. of 1/2 lb. Dec*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.07.00</i>	<i>1.12.30</i>	0	<i>1.17.30</i>	<i>2.01.00</i>
<i>1.07.20</i>	<i>1.07.20</i>	100	<i>21.45</i>	
		200		
		300	<i>1.27.30</i>	<i>1.49.00</i>
		400	<i>= 21 min</i>	
		500		
		600		
		700		
		800		
		900		
		1000		
<i>7.07.00 - 7.14.00</i>		1100		
		1200		
<i>Horizontal vertical net</i>		1300		
<i>bottom.</i>		1400		
<i>Surf. 100.</i>		1500		
<i>1.22.00 - 1.50.00</i>		1600		
<i>28 min</i>		1700		
<i>(P)</i>		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pl. Line Light. N. 57° E. 9⁵/₁₀'

OK
JTB
2/27

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
Windy, overcast, fog. 12. 1/2. Long in line.	3100	
Good breeze, sun. 11. 1/2.	3200	
Breeze! 30. 1/2.	3300	
Smooth sea; fog 11. 1/2. 1/2. 1/2.	3400	
	3500	
Several gulls.	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date 4 Mar. 04.

Tanner Machine. Reel.

Turns 150 Cor. + 4 Depth 154 fms.Shot or lead # 26.Bottom gy. S. R.

Bottom temperature

No. of thermometer none Cor.

Corrected temperature

Air 64 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1.24.15</u>	<u>1.38.10</u>	0		
<u>25.05</u>	<u>36.30</u>	100		
<u>1.35.20</u>	<u>1.38.05</u>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trial(line in air)

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

E. 4213

Date

4/2/04

Tanner Machine.

Reel.

Turns 238 Cor. +

5

Depth 243 fms.

~~Shot or lead~~

26 lb

Bottom

R.

Bottom temperature

44.1

No. of thermometer

98262

Cor.

Corrected temperature

Air

64

Surface

61

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.54.40 2.21.00

0

55.15 57.00

100

56.00 58.00

200

1.56.20 1.56.20

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5
13
248

ok
1200

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Dr. 434

Date

4 Mar. '04

Sigsbee Machine.

Reel.

Turns

Cor. +

6

Depth

64 m

Shot or lead

36 #

Bottom

4 gy. S. M. L. bk. Sp.

Bottom temperature

No. of thermometer

None

Cor.

Corrected temperature

(53.2°)

Air

60

Surface

60

Drift

1.10°

Trawl or dredge

11' Mr. Simon, Sigsbee Dr.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.45.50

2.40.00

0

2.46.40

2.41.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2.55.20

2.57.20

3.04.20

3.07.20

3.10.20

3.13.20

3.16.20

3.19.20

3.22.20

3.25.20

3.28.20

3.31.20

3.34.20

3.37.20

3.40.20

3.43.20

3.46.20

3.49.20

3.52.20

3.55.20

3.58.20

4.01.20

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

2.47.00 - 2.49.00

H. Louis Gifford, N 30 E. 9-20

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
Very Oily (S. C. A.)	3100	
Gentle breeze from N.W.	3200	
Barometer 30.02	3300	
Smooth sea.	3400	
Reverend gulls.	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

4 July 87

Sigsbee Machine. Reel.

Turns 50 Cor. +

Depth

72 f

Shot or lead 36 lb

Bottom

gy S. G.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.00.00

03.00

0

2.41.00

3.00.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Trawl

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
45	29	3400	
65		3500	
4245	6	3600	
	71	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Sigsbee Machine. Reel.

Turns

225

Cor. +

22

Depth

247 1/2 fms

Shot or lead

36 lb

Bottom

Brown M.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

60

Surface

60

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
4310	205	3300	
225	182	3400	
	23	3500	
4085	225	3600	
	248	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Cricket*

No. _____ Date *July 10*

Tanner Machine. Reel.

Turns _____ Cor. + _____ Depth *77*

Shot or lead

Bottom

Bottom temperature *49°*

No. of thermometer *98242* Cor.

Corrected temperature

Air _____ Surface _____ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.37.00</i>	<i>2.41.40</i>	0		
<i>—</i>	<i>2.40.20</i>	100		
<i>3.38.00</i>	<i>2.39.00</i>	200		
<i>3.39.00</i>	<i>2.37.40</i>	300		
<i>3.40.00</i>	<i>2.36.20</i>	400		
<i>3.41.00</i>	<i>2.35.00</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

4 Mar. 04

Sigsbee Machine. Reel.

Turns

Cor. +

Depth

Shot or lead 26 lb

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2.57.00 2.57.50

0

48.00 2.58.40

100

49.00 2.59.30

200

50.00 2.60.20

300

51.00 2.61.10

400

2.52.00 2.52.00

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date *Mar. 5**Tanner* Machine. Reel.Turns *65* Cor. + *2* Depth *67*Shot or lead *26 lbs*Bottom *gy. S. S.*Bottom temperature *49.9*No. of thermometer *98242* Cor.

Corrected temperature

Air *52* Surface *52* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>65</i>	<i>33.20</i>	0		
<i>30</i>	<i>30.10</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4310 H₂ 44 111 4310 202

	2500	
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D-4315* Date*Tanner* Machine. Reel.Turns *66* Cor. + *2* Depth *6*Shot or lead *26 lbs*Bottom *gy. fm. s*Bottom temperature *49°*

No. of thermometer Cor.

Corrected temperature

Air *54°* Surface *59°* Drift *none*Trawl or dredge *Vertical*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

174 T. 12.14. 21.42.00. 9 1/2'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D. 4316* Date*Sigsbee* Machine. Reel.Turns *65* Cor. + Depth *75*~~Shot~~ or lead *36 lb*Bottom *fine gy S 1/2 chert*Bottom temperature *49.0*No. of thermometer *98242* Cor.

Corrected temperature

Air Surface Drift *None*Trawl or dredge *V. Intersu*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.54.00 *9.00**56.00* *59.00**0*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

St. Louis Light N 35° E. 10.5 m

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

100 fms line

30 fms

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4317* Date *March 5, 1904**Sigsbee* Machine. Reel.Turns *15* Cor. + *15* Depth *14*Shot or lead *35*Bottom *fine g. s.*Bottom temperature *7*No. of thermometer *98242* Cor.Corrected temperature *{ 56.2*Air *55* Surface *55* Drift *{ 2 1/10*Trawl or dredge *3' beam trawl*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	11.07.30	
		100	11.08.20	
		200	11.09.10	
		300	11.10.00	
		400	11.10.50	
		500	11.11.40	
		600	11.12.30	
		700	11.13.20	
		800	11.14.10	
		900	11.15.00	
		1000	11.15.50	
		1100	11.16.40	
		1200	11.17.30	
		1300	11.18.20	
		1400	11.19.10	
		1500	11.20.00	
		1600	11.20.50	
		1700	11.21.40	
		1800	11.22.30	
		1900	11.23.20	
		2000	11.24.10	
		2100	11.25.00	
		2200	11.25.50	
		2300	11.26.40	
		2400	11.27.30	

70

11.28.20

11.29.10

11.30.00

11.30.50

11.31.40

11.32.30

11.33.20

11.34.10

At Loma Light, N 36° E, 11.0'

	2500'	
	2600	
	2700	161
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
161	3800	
9.13	3900	
1.14	4000	5.5

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		9.33		
50		10.14		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date *Mar 5-0**Sigsbee* Machine. Reel.Turns *450* Cor. + _____ Depth _____~~Shot or lead~~ *36 lb*Bottom *Rock*

Bottom temperature _____

No. of thermometer *not used* Cor.

Corrected temperature _____

Air *60°* Surface *60°* Drift _____~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-44-00</i>	<i>9.49.00</i>	0		
	<i>47.00</i>	100		
<i>9-45-00</i>	<i>46.00</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4310	505	2500
450	163	2600
3860	0.2	2700
6K	450	2800
3000	0.2	2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____

Date

May 5-04

Sigsbee

Machine.

Reel.

Turns 430 Cor. +

41

Depth

471

~~Shot or lead~~

Bottom

gy. M.

Bottom temperature

No. of thermometer

not used

Cor.

Corrected temperature

Air

60°

Surface

60°

Drift

~~Trawl or dredge.~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9. 57. 10 10. 08. 30

0

58. 30 10. 07. 20

100

200

10. 00. 10 10. 05. 00

300

01. 10 10. 04. 00

400

01. 30 10. 02. 00

450

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

March 5

Sigsbee

Machine.

Reel.

Turns 470 Cor. + 44 Depth 514

Shot or lead 36 lb

Bottom gn M

Bottom temperature

No. of thermometer 2100 Cor.

Corrected temperature

Air 60° Surface 60° Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.20.00		0	
21.00		100	
22.40		200	
23.40	29.20	300	
24.35	10.20	400	
25.20	10.26.30	500	
		600	
		700	
		800	
Vertical net		900	10.30
100 ft		1000	10.40
		1100	
up at 10.39		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

451.1	425	2500
27.1	1.1	2600
0.4	0.1	2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *517* Date *Apr 5**Sigsbee* Machine. Reel.Turns *417* Cor. + *43* Depth *510*Shot or lead *35 lb*Bottom *gy. M.*Bottom temperature *40.0*

No. of thermometer Cor.

Corrected temperature *98.24*Air *60* Surface *60* Drift

Trawl or dredge,

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.35.40 *50.10**10.36.45* *49.20**37.35* *48.32**38.25* *47.40*** 39.20* *46.50**40.10* *46.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

7 Mar 1904.

Machine.

Reel.

Turns 111 Cor. + 3

Depth 114 fms.

Shot or lead 26 lb

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

None

Trawl or dredge

Vertical

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10-13

10-17 30

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

24. it fair

199

0560

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date _____

Machine. _____ Reel. _____

Turns 55 Cor. + 5 Depth 55~~Shot or lead~~ 36

Bottom _____

Bottom temperature _____

No. of thermometer 1 7 Cor. _____

Corrected temperature _____

Air 71 Surface 61 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

81C
8202
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4319* Date *7 Mar. 04*

Sigsbee Machine. Reel.

Turns *50* Cor. + *5* Depth *55 fms*Shot or lead *36 lb*Bottom *gn. M.*Bottom temperature *50.5*No. of thermometer *98242* Cor.



Corrected temperature

Air *71* Surface *61* DriftTrawl or dredge *Vertical**Dr.* SOUNDING WIRE.*Dr.* DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10.43.00</i>	<i>10.48.10</i>	0		
<i>44.00</i>	<i>47.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Sml. Vertical,**50 fms out.**10.43 - 10.50**10.45 - 5 min**Surface currents**[Signature]**[Signature]*

Solidad Hill, S 70° E., 3 ⁸/₁₀'

OK
H.B.



Clear and pleasant, hazy.
Light air & light breeze from
N.W. Bar. 29.97.
Smooth sea.

75^m wide

44^m deep -